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s/ Rachel Potash  
Rachel Potash

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:  
**Sacha Ninkovic et al.**

Serial No.: **10/754,171**

Confirmation No.: **8481**

Filed: **January 9, 2004**

For: **TRICYCLIC COMPOUNDS PROTEIN KINASE INHIBITORS FOR ENHANCING THE EFFICACY OF ANTI-NEOPLASTIC AGENTS AND RADIATION THERAPY**

Group Art Unit: **Not Yet Assigned**

Examiner: **Not Yet Assigned**

Honorable Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Transmitted herewith are the following documents:

1. **Return Receipt Postcard**
2. **Transmittal of IDS**
3. **PTO.SB/08A Form 1449**
4. **Copies of Cited Art**

**1 postcard;  
2 pages;  
9 pages; and  
110 references.**

Respectfully submitted,

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Date: June 10, 2004

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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

**UNDER 37 C.F.R. § 1.97(b) or 1.97(c)**

**37 CFR § 1.97(b)**

- ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); within three months of the date of entry of the national stage as set forth in § 1.491 in an international application; before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

**37 CFR § 1.97(c)**

- ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); after three months of the date of entry of the national stage as set forth in § 1.491 in an international application; after the mailing of a first Office Action on the merits; or after the mailing of a first Office Action after the filing of a request for continued examination under § 1.114, but before the mailing date of (1) a Final Action under § 1.113; (2) a Notice of Allowance under § 1.311; or (3) an action that otherwise closes prosecution in the application. The Commissioner is hereby authorized to charge the fee as set forth in § 1.17(p) to Deposit Account Number 500329.

- ☒ Applicant requests that the Examiner consider the following copending applications:

Application Serial No.	Filing Date
10/264,018 (reference AE on Form 1449)	October 2, 2002

- ☐ Copies of these copending applications are enclosed.

- ☒ Applicant hereby requests consideration of the Information Disclosure Statement, USPTO form 1449, submitted herewith. Copies of the cited references, except as noted below, are enclosed.

- ☐ This application is a continuation, divisional or continuation-in-part of Serial No. [REDACTED]. Copies of the cited references, if not enclosed, are available in the file of the parent application or parents thereof.

- ☒ This application was filed after June 30, 2003, or entered U.S. national stage under 35 U.S.C. § 371, after June 30, 2003. Copies of U.S. Patents and U.S. Patent Application Publications are not enclosed. (1276 OG 55).

- ☐ Applicant hereby requests consideration of the enclosed International Search Report, which was received in a related international patent application.

The Commissioner is hereby authorized to charge any fee deficiency, including any fee required under 37 C.F.R. § 1.17(p), or credit any overpayment, to Deposit Account Number 500329. A duplicate copy of this form is enclosed.

Respectfully submitted,



Date: June 10, 2004

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Use as many sheets as necessary)

**Complete if Known**

Application Number	10/754,171
Filing Date	January 9, 2004
First Named Inventor	Sacha Ninkovic
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	PC25144A

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	Cite No. <sup>1</sup>	DOCUMENT NUMBER	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup>			
	AA	6,211,164	04-03-2001	LUO, Y., et al.	
	AB	6,383,744	05-07-2002	GREEN, S., et al.	
	AC	6,413,755	07-02-2002	LUYTEN, W.H.M.L, et al.	
	AD	6,495,541	12-17-2002	WEBBER, S., et al.	
	AE	20030078254	04-24-2003	WEBBER, S., et al.	

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>8</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	AF	EP 1096014 A2	05-02-2001	CHEN, P., et al.		
	AG	WO 00/16781	03-30-2000	GILMARTIN, A.G., et al.		
	AH	WO 00/42040	07-20-2000	WEBBER, S., et al.		
	AI	WO 01/16306	03-08-2001	INNIS, M.A., et al.		
	AJ	WO 01/16136 A2	03-08-2001	WEBBER, S.E., et al.		
	AK	WO 01/21771	03-29-2001	SUGANUMA, M., et al.		

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AL	WO 02/44183 A2	06-06-2002	FERRARIS, D., et al.		
AM	WO 02/070494	09-12-2002	KEEGAN, K.S., et al.		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AN	ACCILI, D., "A Kinase In the Life of The $\beta$ Cell," <i>Journal of Clinical Investigation</i> , 2001, pp. 1575-1576, vol. 108, no. 11.	
	AO	AL-KHODAIRY, F., et al., "Identification And Characterization Of New Elements Involved In Checkpoint And Feedback Controls In Fission Yeast," <i>Molecular Biology of the Cell</i> , 1994, pp. 147-160, vol. 5.	
	AP	BAGSHAW, K., et. al., "Antibody-Directed Enzyme Prodrug Therapy: A Review," <i>Drug Development Research</i> , 1995, pp. 220-230, vol. 34.	
	AQ	BARBER, A., et al., "Insulin Rescues Retinal Neurons From Apoptosis By A Phosphatidylinositol 3-Kinase/Akt-Mediated Mechanism That Reduces The Activation Of Caspase-3," <i>Journal of Biological Chemistry</i> , 2001, pp. 32814-32821, vol. 276, no. 35.	
	AR	BARTEK, J., et al., "CHK2 Kinase - A busy Messenger," <i>Nature Reviews Molecular Cell Biology</i> , 2001, pp. 877-886, vol. 2.	
	AS	BELSCHES, A.P., et al., "Role of C-SRC Tyrosine Kinase in EGF-Induced Mitogenesis," <i>Frontiers in Bioscience</i> , 1997, Electronic Publication 2: D501-D518.	
	AT	BERTOLINI, G., et. al., "A New Rational Hypothesis for the Pharmacophore of the Active Metabolite of Lefluonamide, a Potent Immunosuppressive Drug," <i>Journal of Med. Chem.</i> , 1997, 2011-2016, 40.	
	AU	BERVEN, L., et al., "Cellular Function of p70 <sup>S6K</sup> . A Role in Regulation Cell Motility," <i>Immunology and Cell Biology</i> , 2000, pp. 447-451, vol. 78, no. 4.	
	AV	BISHOP, A.L., et al., "Rho GTPases and Their Effector Proteins," <i>Biochem. J.</i> , 2000, pp. 241-255, vol. 348.	
	AW	BJORGE, J., et al., "Selected Glimpses Into The Activation And Function Of Src Kinase," <i>Oncogene</i> , 2000, pp. 5620-5635, vol. 19, no. 49.	

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First Named Inventor	Sacha Ninkovic
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	PC25144A

AX	BLUME-JENSEN, P., et al., "Oncogenic Kinase Signalling," <i>Nature</i> , 2001, pp. 355-365, vol. 411, no. 6835.
AY	BODOR, N., "Novel Approaches to the Design of Safer Drugs: Soft Drugs and Site-Specific Chemical Delivery Systems," <i>Advances in Drug Research</i> , 1984, pp. 254-331, vol. 13.
AZ	BRANDON, E., et al., "PKA Isoforms, Neural Pathways, And Behaviour: Making The Connection," <i>Current Opinion in Neurobiology</i> 1997, pp. 397-403, vol. 7.
BA	BRAZIL, D., et al., "Ten Years Of Protein Kinase B Signalling: A Hard Akt To Follow," <i>Trends in Biochemical Sciences</i> , 2001, pp. 657-664, vol. 26, no. 11.
BB	BRUSHIA, R.J., et al., "Phosphorylase Kinase: The Complexity of its regulation is Reflected in the Complexity of its Structure," <i>Frontiers in Bioscience</i> (Electronic Publication), 1999, pp. D618-D641, vol. 4.
BC	BUNDGAARD, H., <u>Design and Application of Prodrugs, Chapter 5, Drug Design Application and Development</u> , 1991, Harwood Academic Publishers.
BD	BUNDGAARD, H., et al., <u>Design of Prodrugs</u> , 1985, Elsevier Press.
BE	BUOLAMWINI, J., "Cell Cycle Molecular Targets In Novel Anticancer Drug Discovery," <i>Current Pharmaceutical Design</i> , 2000, pp. 379-392, vol. 6.
BF	CALAUTTI, E., et al., "Fyn Tyrosine Kinase Is A Downstream Mediator Of Rho/PRK2 Function In Keratinocyte Cell-Cell Adhesion," <i>Journal of Cell Biology</i> 2002, pp. 137-148, vol. 156, no. 1.
BG	CANNON, et al., "6-Hydroxy-4-[2-(di-n-Propylamino)ethyl]indole: Synthesis And Dopaminergic Actions," <i>J. Med. Chem.</i> , 1984, pp. 386-389, vol. 27.
BH	CARTER, C., "Protein Kinase C As A Drug Target: Implications For Drug Or Diet Prevention And Treatment Of Cancer," <i>Current Drug Targets</i> 2000, pp. 163-183, vol. 1, no. 2.
BI	CHAMOIN, S., et al., "The Stille Cross Coupling Reactions On Solid Support. Link To Solution Phase Directed Ortho Metalation. An Ester Linker Approach To Styryl, Biaryl And Heterobiaryl Carboxylic Acids," <i>Tetrahedron Letters</i> , 1998, pp. 4175-4178, vol. 39.
BJ	CHEN, Z., et al., "Map Kinases," <i>Chemical Reviews</i> , 2001, pp. 2449-2476, vol. 101, no. 8.
BK	CLERK, A., et al., "Untangling The Web: Specific Signaling From PKC Isoforms To MAPK Cascades," <i>Circulation Research</i> , 2001, pp. 847-849, vol. 89, no. 10.

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BL	COBB, M., et al., "Dimerization In MAP-Kinase Signaling," <i>Trends in Biochemical Sciences</i> , 2000, pp. 7-9, vol. 25, no. 1.
BM	COBB, M., et al., "How MAP Kinases Are Regulated," <i>Journal of Biological Chemistry</i> , 1995, pp. 14843-14846, vol. 270, no. 25.
BN	COE, J., et al., "Convenient Preparation Of N-Substituted Indoles By Modified Leimgruber-Batcho Indole Synthesis," <i>Tetrahedron Letters</i> , 1996, pp. 6045-6048, vol. 37, no. 34.
BO	DAVIS, J.D., "The Mitogen-activated Protein Kinase Signal Transduction Pathway," <i>Journal of Biological Chemistry</i> , pp. 14553-14556, vol. 17, no. 15.
BP	DEAK, M., et al., "Mitogen- and Stress-Activated Protein Kinase-1 (MSK1) is Directly Activated by MAPK And SAPK2/p38, And May Mediate Activation Of CREB," <i>EMBO J.</i> , 1998, pp. 4426-4441, vol. 17, no. 15.
BQ	DEUCHER, A., et al., "Calcium-Dependent Involucrin Expression Is Inversely Regulated By Protein Kinase C (PKC) $\alpha$ And PKC $\delta$ ," <i>Journal of Biological Chemistry</i> , 2002, pp. 17032-17040, vol. 277, no. 19.
BR	ELLIS, L., et al., "Vascular Endothelial Growth Factor In Human Colon Cancer: Biology And Therapeutic Implications," <i>Oncologist</i> , 2000, pp. 11-15, vol. 5 (suppl. 1).
BS	FAGNOLA, M., et al., "Solid-Phase Synthesis Of Indoles Using The Palladium-Catalysed Coupling Of Alkynes With Iodoaniline Derivatives," <i>Tetrahedron Letters</i> , 1997, pp. 2307-2310, vol. 38, no. 13.
BT	FAN, et al., "Cellular Effects of Olomoucine in Human Lymphoma Cells Differing in p53 function," <i>Chemotherapy</i> , 1999, pp. 437-445, vol. 45.
BU	FLAGGS, G., et al., "Atm-dependent interactions of a mammalian Chk1 homolog with meiotic chromosomes," <i>Current Biology</i> , 1997, pp. 977-986, vol. 7.
BV	FRANK, R., "Perspective: Potential New Medical Therapies For Diabetic Retinopathy: Protein Kinase C Inhibitors," <i>American Journal of Ophthalmology</i> , 2002 pp. 693-698, vol. 133, no. 5.
BW	FRIEDMAN, J., "Fat In All The Wrong Places," <i>Nature</i> , 2002, pp. 268-269 vol. 415, no. 17.
BX	FUNDER, J., "Aldosterone Action: New Answers, New Questions," <i>Molecular and Cellular Endocrinology</i> , 1999, pp. 1-3 vol. 151, nos. 1-2.
BY	GARCIA-ECHEVERRIA, C., "Antagonists Of The Src Homology 2 (SH2) Domains Of Grb2, Src, Lck And ZAP-70," <i>Current Medicinal Chemistry</i> , 2001, pp. 1589-1604, vol. 8.

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CA	GREENBERG, S., et al., "Role Of PKC And Tyrosine Kinase In Ethanol-Mediated Inhibition Of LPS-Inducible Nitric Oxide Synthase," <i>Alcohol</i> , 1998, pp. 167-175, vol. 16, no. 2.
CB	GREENE, T., et al., <u>Protecting Groups in Organic Synthesis</u> , 2 <sup>nd</sup> ed., John Wiley & Sons, Inc.
CC	GROSS, C., et al., "The Protein Kinase C-Related Kinase PRK2 Interacts With The Protein Tyrosine Phosphatase PTP-BL Via A Novel PDZ Domain Binding Motif," <i>FEBS Letters</i> , 2001, pp. 101-104, vol. 496, nos. 2-3.
CD	HALPERN, M., et al. "Endogenous c-src As A Determinant Of The Tumorigenicity Of src Oncogenes," <i>Proc. Natl. Acad. Sci. USA</i> , 1996, pp. 824-827, vol. 92, no. 2.
CE	HARRISON's, <u>Principles of Internal Medicine</u> , 11 ed, McGraw-Hill Book Company.
CF	HASKELL, M., et al., "C-Src Tyrosine Phosphorylation Of Epidermal Growth Factor Receptor, P190 RhoGAP, And Focal Adhesion Kinase Regulates Diverse Cellular Processes," <i>Chemical Reviews</i> , 2001, pp. 2425-2440, vol. 101.
CG	HIDALGO, M., et al., "The Rapamycin-Sensitive Signal Transduction Pathway As A Target For Cancer Therapy," <i>Oncogene</i> , 2000, pp. 6680-6686, vol. 19, no. 56.
CH	KAMP, T.J., et al., "Regulation of Cardiac L-Type Calcium Channels by Protein Kinase A and Protein Kinase C," <i>Circulation Research</i> , 2000, pp. 1095-1102, vol. 87, no. 12.
CI	KEMP, B., et al., "Dealing With Energy Demand: The AMP-Activated Protein Kinase," <i>Trends in Biochemical Sciences</i> , 1999, 22-25, vol. 24, no. 1.
CJ	KILIMANN, M.W., "Glycogen Storage Disease Due to Phosphorylase Kinase Deficiency," <u>Protein Dysfunction and Human Genetic Disease</u> , 1997, Chapter 4, pp. 57-75.
CK	KUMAR, C.C., et al., "Drugs Targeted Against Protein Kinases," <i>Expert. Opin. Emerging Drugs</i> , pp. 303-315, vol. 6, no. 2.
CL	LAROCK, R., <u>Comprehensive Organic Transformations: A Guide To Functional Group Preparations</u> , 2 <sup>nd</sup> ed., 1989, Wiley-VCH Inc.
CM	LEE, J., et al., "Inhibition Of p38 MAP Kinase As A Therapeutic Strategy," <i>Immunopharmacology</i> 2000, pp. 185-201, vol. 47, nos. 2-3.

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Filing Date	January 9, 2004
First Named Inventor	Sacha Ninkovic
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	PC25144A

CN	LESLIE, N., et al., "Phosphoinositide-Regulated Kinases And Phosphoinositide Phosphatases," <i>Chem Rev.</i> 2001 pp. 2365-2380, vol. 101.
CO	LITKE, A., et al., "Versatile Catalysts For The Suzuki Cross-Coupling Of Arylboronic Acids With Aryl And Vinyl Halides And Triflates Under Mild Conditions," <i>J. Am. Chem. Soc.</i> , 2000, pp. 4020-4028, vol. 122.
CP	MAGNELLI, L., et al., "Regulation of p53 Protein Kinase C During Multi-Stage Carcinogenesis," <i>Journal of Cancer Research and Clinical Oncology</i> , 1997, pp. 365-369 vol. 123, no. 7.
CQ	MAJOLINI, M.B., "Dysregulation of the Protein Tyrosine Kinase LCK in Lymphoproliferative Disorders and in Other Neoplasias," <i>Leukemia and Lymphoma</i> , 1999, pp. 245-254 vol. 35, no. 3-4
CR	MEDEMA, R., et al., "AFX-Like Forkhead Transcription Factors Mediate Cell-Cycle Regulation By Ras And PKB Through p27 <sup>kip1</sup> ," <i>Nature</i> , 2000 pp. 782-787 vol. 404.
CS	MENDEL, D.B., "Development of SU5416, A selective Small Molecule Inhibitor of VEGF Receptor Tyrosine Kinase Activity, as an Anti-Angiogenesis Agent," <i>Anti-Cancer Drug Design</i> , 2000, pp. 29-41, vol. 15.
CT	MILLAUER, B., et al., "Dominant-Negative Inhibition of Flk-1 Suppresses the Growth of Many Tumor Types <i>in Vivo</i> ," <i>Cancer Research</i> , 1996, pp. 1615-1620, vol. 56.
CU	MOHAMMADI, M., et al., "Crystal Structure of an Angiogenesis Inhibitor Bound to the FGF Receptor Tyrosine Kinase Domain," <i>EMBO J.</i> 1998, pp. 5996-5904, vol. 17.
CV	MOHAMMADI, M., et al., "Identification Of Six Novel Autophosphorylation Sites On Fibroblast Growth Factor Receptor 1 And Elucidation Of Their Importance In Receptor Activation And Signal Transduction," <i>Molecular Cellular Biology</i> , 1996, pp. 977-989, vol. 16, no. 3.
CW	MUISE-HELMERICKS, R., et al., "Cyclin D Expression Is Controlled Post-Transcriptionally Via A Phosphatidylinositol 3-Kinase/Akt-Dependent Pathway," <i>Journal of Biological Chemistry</i> , 1998, pp. 29864-29872, vol. 273, no. 45.
CX	NARUMIYA, S., et al., Regulators and Effectors of Small GTPases, Part D, <i>Methods in Enzymology</i> , 2000, pp. 273-284, vol. 325
CY	NESHER, R., et al., "β-Cell Protein Kinases And The Dynamics Of The Insulin Response To Glucose," <i>Diabetes</i> , 2002, pp. S68-S73 vol. 51 (Suppl. 1).
CZ	NEWGARD, C., et al., "Organizing Glucose Disposal: Emerging Roles Of The Glycogen Targeting Subunits Of Protein Phosphates-1," <i>Diabetes</i> , 2000, pp. 1967-1977, vol. 49.
DA	NEWTON, A., "Protein Kinase C: Structural And Spatial Regulation By Phosphorylation, Cofactors, And Macromolecular Interactions," <i>Chem. Rev.</i> , 2001, pp. 2353-2364, vol. 101.

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First Named Inventor	Sacha Ninkovic
Art Unit	Not yet assigned
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DB	NICHOLSON, K., et al., "The Protein Kinase B/Akt Signalling Pathway In Human Malignancy," <i>Cellular Signalling</i> , 2002, pp. 381-395, vol. 14, no. 5.
DC	NOMURA, M., et al., "Mitogen- And Stress-Activated Protein Kinase 1 Mediates Activation Of Akt By Ultraviolet B Irradiation," <i>Journal of Biological Chemistry</i> , 2001, pp. 25558-25567, vol. 276, no. 27.
DD	NURSE, P., "Checkpoint Pathways Come Of Age," <i>Cell</i> , 1997, pp. 865-867 vol. 91.
DE	PARAST, C., et al., "Characterization And Kinetic Mechanism Of Catalytic Domain Of Human Vascular Endothelial Growth Factor Receptor-2 Tyrosine Kinase (VEGFR2 TK), A Key Enzyme In Angiogenesis," <i>Biochemistry</i> , 1998, pp. 16788-16801, vol. 37.
DF	PAREKH, D., et al., "New EMBO Member's Review: Multiple Pathways Control Protein Kinase C Phosphorylation," <i>EMBO J.</i> , 2000, pp. 496-503, vol. 19, no. 4.
DG	PENG, C.Y., et al., "Mitotic And G2 Checkpoint Control: Regulation of 14-3-3 Protein Binding By Phosphorylation Of Cdc25C On Serine-216," <i>Science</i> , 1997, pp. 1501-1505, vol. 277.
DH	PETERSON, R., et al., "Kinase Phosphorylation: Keeping It All In The Family," <i>Current Biology</i> 1999, pp. R521-R524, vol. 9, no. 14.
DI	RESH, M.D., "Fyn, A Src Family Tyrosine Kinase," <i>J of Biochemistry &amp; Cell Biology</i> , pp. 1159-1162, vol. 30, no. 11.
DJ	RHIND, N., et al., "Roles Of The Mitotic Inhibitors Wee1 And Mik1 In The G <sub>2</sub> DNA Damage And Replication Checkpoints," <i>Molecular and Cellular Biology</i> , 2001, pp. 1499-1508, vol. 21, no. 5.
DK	ROOVERS, et al., "Integrating the MAP Kinase Signal into the G1 Phase Cell Cycle Machinery," <i>BioEssays</i> , 2000, pp. 818-826, vol. 22, no. 9.
DL	ROSENZWEIG, T., et al., "Differential Effects Of Tumor Necrosis Factor- $\alpha$ and $\delta$ Mediate Inhibition Of Insulin Receptor Signaling," <i>Diabetes</i> , 2002, pp. 1921-1930, vol. 51, no. 6.
DM	RUDERMAN, N., et al., "Malonyl-CoA, Fuel sensing, and Insulin Resistance," <i>American Journal of Physiology</i> , 1999, pp. E1-E18, vol. 276.
DN	SAKAMOTO, K.M., "Semaxanib SUGEN," <i>Idrugs</i> , 2001, pp. 1061-1067, vol. 4, no. 9.
DO	SANCHEZ, Y., et al., "Conservation Of The Chk1 Checkpoint Pathway In Mammals: Linkage Of DNA Damage To Cdk Regulation Through Cdc25," <i>Science</i> , 1997, pp. 1497-1501, vol. 277, no. 5.
DP	SEBOLT-LEOPOLD, JS. "Development Of Anticancer Drugs Targeting The MAP Kinase Pathway," <i>Oncogene</i> 2000, pp. 6594-6599, vol. 19.

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DQ	SHABB, J., "Physiological Substrates Of camp-Dependent Protein Kinase," <i>Chemical Reviews</i> , 2001, pp. 2381-2411, vol. 101, no. 8.
DR	SHAN, D., et al., "Prodrug Strategies Based On Intramolecular Cyclization Reactions" <i>J. Pharm. Sci.</i> 1997, pages 765-767 vol. 86, no. 7.
DX	SKALHEGG, B.S., et al., "Specificity in the cAMP/PKA Signaling Pathway, Differential Expression, Regulation, and Subcellular Localization of Subunits of PKA," 2000, <i>Frontiers in bioscience Electronic Publication</i> , 5:D678-D693.
DT	SONOGASHIRA, K., et al., "A Convenient Synthesis Of Acetylenes: Catalytic Substitutions Of Acetylenic Hydrogen with Bromoalkenes, Iodoarenes, and Bromopyridines," <i>Tetrahedron Lett.</i> , 1975, pp. 4467-4470, no. 50.
DU	STILL, W., et al., "Rapid Chromatographic Technique For Preparative Separations With Moderate Resolution," <i>Journal of Organic Chemistry</i> , 1978, pp. 2923-2925, Vol. 43, No. 14.
DV	STRAWN, L.M., et al., "Flk-1 as Target for Tumor Growth Inhibition," <i>Cancer Research</i> , 1996, pp. 3540-3545, vol. 56.
DW	STRELKOV, I.S., "Ser-10 Phosphorylation of Histone H3 and Immediate Early Gene Expression in Oncogene-transformed Mouse Fibroblasts," <i>Cancer Research</i> , pp. 75-78, vol. 62, no. 1.
DX	TOKER, A., et al., "Cellular Signaling: Pivoting Around PDK-1," <i>Cell</i> , 2000, pp. 185-188, vol. 103.
DY	TORTORA, G., et al., "Oral Antisense That Targets Protein Kinase A Cooperates With Taxol And Inhibits Tumor Growth, Angiogenesis, And Growth Factor Production," <i>Clinical Cancer Research</i> , 2000 pp. 2506-2512, vol. 6.
DZ	TORTORA, G., et al., "Protein Kinase A Type I: A Target For Cancer Therapy," <i>Clinical Cancer Research</i> 2002, pp. 303-304, vol. 8.
EA	YU, C.F., et al., "ERK regulates the Hepatocyte Growth Factor-mediated Interaction of Gab1 and the Phosphatidylinositol 3-Kinase," <i>Journal of Biological Chemistry</i> , 2001, pp. 32552-32558, vol. 276, no. 35.
EB	VAJKOCZY, P., "Inhibition of Tumor Growth, Angiogenesis, and Microcirculation by the Novel Flk-1 Inhibitor SU5416 as Assessed by Intravital Multi-fluorescence Videomicroscopy," <i>Neoplasia</i> , 1999, pp. 31-41, vol. 1, no. 1.
EC	VÉNIEN-BRYAN, C., et al., "Three-Dimensional Structure Of Phosphorylase Kinase At 22 A Resolution And Its Complex With Glycogen Phosphorylase b," <i>Structure</i> , 2002, pp. 33-41, vol. 10.
ED	VERREY, F., et al., "Pleiotropic Action of Aldosterone in Epithelia mediated by Transcription and Post-transcription Mechanisms," <i>Kidney International</i> , 2000, pp. 1277-1282, vol. 57, no. 4.

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EE	WALWORTH, N., "Fission yeast <i>chk1</i> protein kinase links the <i>rad</i> checkpoint pathway to <i>cdc2</i> ," <i>Nature</i> , 1993, pp. 368-371, vol. 363.
EF	WEBB, C.P., et al., "The Geldanamycins are Potent Inhibitors of the Hepatocyte Growth Factor/Scatter Factor-Met-Urokinase Plasminogen Activator-Plasmin Proteolytic Network," <i>Cancer Research</i> , 2000, pp. 342-349, vol. 60, no. 2.
EG	WEINERT, T., "Enhanced: A DNA Damage Checkpoint Meets The Cell Cycle Engine," <i>Science</i> , 1997, pp. 1450-1451, vol. 277.
EH	WICK, et al., "A New Molecular Target of Insulin Action: Regulating the Pivotal PDK1," <i>Current Drug Targets: Immune, Endocrine and Metabolic Disorders</i> , pp. 209-221, vol. 1, no. 3.
EI	YOSHIJI, et al., "Vascular Endothelial Growth Factor Is Essential for Initial but not Continued <i>in Vivo</i> Growth of Human Breast Carcinoma Cells," <i>Cancer Research</i> , 1997, pp. 3924-3928, vol. 57.
EJ	ZHAN, X., et al., "Nonreceptor Tyrosine Phosphatases In Cellular Signaling: Regulation Of Mitogen-Activated Protein Kinases," <i>Chemical Reviews</i> , 2001, pp. 2477-2496, vol. 101.
EK	ZHANG, X., et al., "Trans-1-[(2-Phenylcyclopropyl)methyl]-4-Arylpiperazines: Mixed Dopamine D <sub>2</sub> /D <sub>4</sub> Receptor Antagonists As Potential Antipsychotic Agents," <i>J. Med. Chem.</i> , 2000 pp. 3923-3932, vol. 43
EL	ZHONG, "Ultraviolet B-Induced Phosphorylation Of Histone H3 At Serine 28 Is Mediated By MSK1," <i>Journal of Biological Chemistry</i> , 2001, pp. 33213-33219, vol. 276, no. 35.

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